MCLK1	MRHSKRTYCBDWDSDDWD	
MCLK2	MRHSKRTYCPDWDERDWDYGTWRSSSSH <u>KRYKRSHSSAREOKR</u> .P.PR.YHSSERGSRGSYHEHYOSRKHURDD R	
MCLK3	P.PR.YHSSERGSRGSYHEHYQSRKHKRRR.R.WSSSSDRTRRR.REDS	
MCLK4	.H.CYRSPEPDPYLTYRWK.RRS.SREHEGRLRYPSE.EPPPR.S	5.0
		4.7
MCLK1		42
	CRYDHSKTTDSYYLESRSINEKAYHSRRYVDEYRNDYMGYEPGHPYGE YHVRSRSSY.DHSSDR.LY	•
MCLK2	YHVRSRSSY.DHSSDR.IV	91
MCLK3	RSRSHDRID ORRYDDINGENY.CGSYRSRDRGEAY.DT	93
MCLK4	RSRSHDRIP.QRRYREHRDSDTY.CEERSPSFGE.CYGSSRSRHRRR _KPH.QFKDSDCHYLEARCLNERDYRD_RYLDEY	94
	.KPH.QFKDSDCHYLEARCLNERDYRD.RYIDEYCEGYVPRH.HR	91
MCLK1	PGSRYOMUS_SYCCORDON	91
MCLK2	PGSRYQMHS-SKSSGRSGRSSYKSKHRSRHHTSQHHSHGKSHRKRSRSV	
MCLK3	DFRQSYEYHRENYQRRKHR.R.RRSRTFSRSSSHSS.RAK	140
MCLK4	SRE.APYRTRKHAHHCHK.RTRSCSSASSRSQQSSKRSSR	142
	DVESTYRIHC T.V R P. R. RNRPCASH . S	136
MCLK1		139
	EDDEEGHLICQSGDVLSARYEIVDTLGEGAFGKVVECIDHKVGGRRVAVK	
MCEK2	AYHVW.QESTS.RQ.VRRTL.	190
MCLK3	KV.RI SW OFIS.RQ.VRRTL.	192
MCLK4	KV.RI.SW.QEGNTS.RQ.V.RRTL.	186
•.	GMD.LH.	139
MCLK1	IVKNVDRVCENNOCHTOWN	133
MCLK2	IVKNVDRYCEAAQSEIQVLEHLNTTDPHSTFRCVQMLEWFEHRGHICIVF	• • •
MCLK3	.IEK.KRLNKI.EKDNKNLFDDYHMS.	240
MCLF.4	.IRGK.RRLNKKIKEK.KENK.LL.SDNFHMS.	242
	GG.RRSN.VD.HMA.	236
MCLK1		239
	ELLGLSTYDFIKENSFLPFRMDHIRKMAYQICKSVNFLHSNKLTHTDLKP	
MCLK2	F.L.D.MY. YPIHOV N	290
MCLK3	KN. FE.L. N.O. VELT. W. QA.R	292
MCLK4	QIQQ.IHALRE.Q	286
	Q.IH	289
MCLKI	ENILFVKSDYTENYNYNDDD	203
MCLK2	ENILFVKSDYTEAYNPKMKRDERTIVNPDIKVV DFGSATYDDEHHSTLVS	2.40
MCLK3	NELTLEKSVKSTAVRF.HI	340
MCLK4	N.EFETL.EHKSCE.KSVK.TSIR.AF.HI.A	342
		335
MCLEI	CD:	339
MCLY2	TRHYRAPEVILALGWSQPCDWWSIGCILIEYYLGFTVFPTHDSREHLAMM	
MCLK3	PEA	390
MCLK4	PEA	392
MCLK4	PEAFRL.QN	386
1400	QK	389
MCLKI	ERILGPLPKHMTOKTOKBOVENDOLONG	
WCTK5	·····V.SR. R OF WASHINGTON DEHSSAGRYVSRRCKPLKEFML	440
MCLK3	V.SRRQKYRGNTRENRRYLT .KI.SHRQKYKGG.VNDKENSY	442
MCLK4	T A T A T A T T A T T T T T T T T T T T	436
	I.AKNQRR	
MCLK1	SODA FUEDO TOTAL	439
MCLK2	SQDAEHEFLFDLVGKILEYDPAKRITLKEALKHPFFYPLKKHT	
MCLK4		483
MCLK5	QDSLVQMRRMFQAC.RTEPPNTKLWD CHDEKRRM	492
いてログコ	CHDEKRRMR.DQDLRE	486
\	**************************************	489
MCLK1		- <del></del>
MCLK2	SSRDISR	
MCLK3	NDCD	<b>499</b>
MCLK4	-	499
		496

MPHPRRYHSSERGSRGSYHEHYQSRKHKRRSRSWSSSDRTRRRRREDSYHV RSRSSYDDHSSDRRLYDRRYCGSYRRNDYSRDRGEAYYDTDFRQSYEYHRENS SYRSQRSSRRKHRRRRRSRTFSRSSSHSSRRAKSVEDDAEGHLIYHVGDWLQE RYEIVSTLGEGTSGRVVQCVDHRRGGTRVALKIIKNVEKYKEAARLEINVLEKI NEKDPDNKNLCVQMFDWFDYHGHMCISFELLGLSTFDFLKDNNYLPYPIHQ VRHMAFQLCQAVKFLHDNKLTHTDLKPENILFVNSDYELTYNLEKKRDERSV KSTAVRVVDFGSATFDHEHHSTIVSTRHYRAPEVILELGWSQPCDVWSIGCIIFE YYVGFTLFQTHDNREHLAMMERILGPVPSRMIRKTRKQKYFYRGRLDWDENT SAGRYVRENCKPLRRYLTSEAEDHHQLFDLIENMLEYEPAKRLTLGEALQHPF

1 cgcacgggcc tcgccgccag aacgatgccc catccccgaa ggtaccattc ctcagagcga 61 ggtagccggg ggagttacca cgaacactat cagagccgaa agcataagcg aagaagaagt 121 cgctcctggt caagtagcag tgaccggaca aggcggcggc ggagggagga cagctaccac 181 gtteggteec gaageageta tgatgaceat tegteegate ggeggetgta egateggegg 241 tactgtggca gctacaggcg caatgactac agccgggaca gaggggaggc ttactacgac 301 acagactite ggeagteeta tgaataceat egagagaaca geagttaceg aageeagege 361 agcagcegaa ggaaacacag aaggeggagg agaeggagee ggaeatteag cegeteatet 421 teacacagea geeggagage caagagtgta gaggaegaeg etgagggeea ceteatetae 481 cacgtegggg actggetaca agagegatat gaaattgtaa geacettagg agaagggact 541 tegggeegag ttgtgeagtg tgtggaceat egeagggeg gaacaegagt tgeeetgaag. 601 atcattaaga atgtggagaa gtacaaggaa gcagcccgac tagaaatcaa cgtgctggag 661 aaaatcaatg agaaagatce tgacaacaag aacctetgig tecagatgit tgactggitt 721 gactaccatg gccacatgtg tatctccttt gagcttctgg gccttagcac cttcgatttc 781 ctcaaagaca acaactacct geeetaeeee atecaecaag tgegeeacat ggeetteeag 841 ctctgccagg ccgtcaagtt cctccatgat aacaagttga cacatacgga cctcaaacct 901 gaaaatatte tgtttgtgaa tteagactae gaaeteacet acaacetaga gaagaagega 961 gatgagegea gtgtaaagag cacageegtg egggtggtgg actteggeag tgecacettt 1021 gaccacgaac accatagcac cattgictec actegecatt accgagecce egaggteate 1031 ctggagttgg getggtcaca gccatgcgat gtatggagca taggetgcat catetttgag 1141 tactacette getteaceet ettecagace catgacaaca gagageatet agecatgatg 1201 gaaaggatee tgggteetgt ecettetegg atgateagaa agacaagaaa acagaaatat 1261 ttttatcggg gtcgcctgga ttgggatgag aacacctcag ccggccgcta cgttcgtgag 1321 auctgcaaac ctctgcggcg gtatctgacc tcagaggcag aggaccacca ccagctcttc 1381 gatcigattg aaaatatget agagtatgag cetgetaage ggetgacett aggtgaagee 1441 citcagcate cittettege etgectiegg actgagecae ccaacaccaa gitgigggae 1501 tccagtcggg atatcagtcg gtgacaatta ggctgggc

MHHCKRYRSPEPDPYLTYRWKRRRSYSREHEGRLRYPSRREPPPRRSRSRSHDR IPYQRRYREHRDSDTYRCEERSPSFGEDCYGSSRSRHRRRSRERAPYRTRKHAH HCHKRTRSCSSASSRSQQSSKRSSRSVEDDKEGHLVCRIGDWLQEBYÆIVGNL GEGTFGKVVECLDHARGKSQVALKIIRNVGKYREAARLEINVLKKIKEKDKEN KFLCVLMSDWFNFHGHMCIAFELLGKNTFEFLKENNFQPYPLPHVRHMAYQ LCHALRFLHENQLTHTDLKPENILFVNSEFETLYNEHKSCEEKSVKNTSIRVAD FGSATFDHEHHTTIVATRHYRPPEVILELGWAQPCDVWSIGCILFEYYRGFTLF QTHENREHLVMMEKILGPIPSHMIHRTRKQKYFYKGGLVWDENSSDGRYVKE NCKPLKSYMLQDSLEHVQLFDLMRRMLEFDPAQRITLAEALLHPFFAGLTPEE

1 ctgcaggtcg acactagtgg atccaaagaa ttcggcacga gcgcagccgg agcctgggag 61 acgatgcate actgtaageg atacegttee ceagagecag acceatacet gaegtacege 121 tggaagagga ggcggtctta cagtcgggag catgaaggtc gactacgata cccatcccga 181 agggageete ecceaeggag ateaeggtee agaageeatg ategtatace etaceagegg 241 aggtaccggg aacaccgtga cagtgatacg tatcggtgtg aagagcggag cccatctttt 301 ggagaggact gctatgggtc ttcacgttct cgacatcgga gacggtcacg agagagggcg 361 ccgtaccgta cccgcaagca tgcccaccac tgtcacaaac gccgtaccag gtcttgtagc 421 agigetteet egagaageea acagageagt aagegeagea geeggagigt ggaagatgae 481 aaggagggcc acctggtgtg ccggatcggc gattggctcc aagagcgata tgagatcgtg 541 gggaacctgg gtgaaggcac ctttggcaag gtggtggagt gcttggacca tgccagaggg 601 aagtcacagg ttgccctgaa gatcatccgt aatgtgggca agtatcggga agctgctcgt 661 ctagaaatta atgitctcaa gaaaatcaag gagaaagaca aggaaaataa gitccttigt 721 giccigatgi cigaciggit caacitccat ggicatatgi gcategeett tgageteetg 781 ggcangaaca cetttgagtt cetgaaggag aacaacttee ageettacee cetaceacat 841 giccggcaca tggcctacca getetgteat gecettagat ttetacaega gaaccagetg 901 acccacacag acttgaagce agagaacate ttgittgtga attetgagtt tgaaaccete 961 tacaatgage acaagagetg egaggagaag teagtgaaga acaecageat eegagtggea 1021 gacittiggea gigecaegit igaccatgaa cateacaeca ceatigigge caecegicae 1081 taccgcccac ctgaggtgat ccttgagctg ggctgggcac agccttgtga tgtctggagt 1141 atcggetgea ttetetttga gtactacegt ggetttacae tettecagae ceatgaaaat 1201 agagaacact tggttatgat ggagaagatt ctaggaccca teccateaca catgatecae 1261 cgłaccagga agcagaata tttctacaaa gggggcctgg tttgggatga gaacagctct 1321 gatgggcggt atgtgaagga ganctgcaaa cetetgaaga gttacatget geaggactee 1381 ctggagcatg tgcagctgtt tgacctgatg aggaggatgt tagagttcga ccctgctcag 1441 cgcatcacat tggcagaage ettgetgeac ccettetttg etggeetgae ecetgaggag 1501 eggleettee acageageeg taaccecage agatgacagg tgeaggeeag cacaegaaga 1561 gitggagage tggactgggc tgctggcccc tittctccag ceteteccae tggceteaga 1621 gccagagcca ccgatgaaca gtgcaatgtg aaggaaggca ggacctgcaa gggaaggggg 1681 aatgtggtgc ccggctgcca gaaagcacag attggaccca agettttata tgttgtaaag 1741 ttataataaa gigittetta eigittetaa aaaaaaaaaa aaaaaaa

MRHSKRTHCPDWDSRESWGHESYSGSHKRKRRSHSSTQENRHCKPHHQFKD SDCHYLEARCLNERDYRDRRYIDEYRNDYCEGYVPRHYHRDVESTYRIHCSKS SVRSRRSSPKRKRNRPCASHQSHSKSHRRKRSRSIEDDEEGHLICQSGDVLRAR YEIVDTLGEGAFGKVVECIDHGMDGLHVAVKIVKNVGRYREAARSEIQVLEH LNSTDPNSVFRCVQMLEWFDHHGHVCIVFELLGLSTYDFIKENSFLPFQIDHIR QMAYQICQSINFLHHNKLTHŢDŁKPENILFVKSDYVVKYNSKMKRDERTLKN TDIKVVDFGSATYDDEHHSTLVSTRHYRAPEVILALGWSQPCDVWSIGCILIEY YLGFTVFQTHDSKEHLAMMERILGPIPAHMIQKTRKRKYFHHNQLDWDEHSS AGRYVRRRCKPLKEFMLCHDEEHEKLFDLVRRMLEYDPARRITLDEALQHPFF

1 aaagagacge ageggetgga gaggaacgae ggeggtttgg egacatttet geecaaaagg 61 ccgcttgctt ttgcggagat gcggcattcc aaacgaactc actgtcctga ttgggatagt 121 agagaaaget ggggccatga aagetacagt ggaagteaca aaegeaagag aaggteteac 181 agcagtacte aggagaacag geactgtaaa ceacateate agtttaaaga eteggattgt 241 cactatttag aagcaagatg cttgaatgag agagattatc gggaccggag atacattgat 301 gaatacagaa atgactactg cgaaggatat gttccaagac attaccatag agacgttgaa 361 agcacttace ggatecattg cagtaaatee teagteagga geaggagaag cagecetaag 421 agaaagegta atagaccetg tgeaagteat cagtegeatt egaagageea eegaaggaaa 481 agatccagga gtatagagga tgatgaggag ggtcacctga tctgtcaaag tggagacgtt 541 chaagagcaa gatatgaaat cgtggacact thaggtgaag gagcetttgg caaagttgta 601 gagtgcattg atcacggcat ggatggctta catgtagcag tgaaaattgt aaaaaatgta 661 ggacgttacc gggaggcagc.tegttctgaa atccaagtat tggagcactt gaacagcact 721 gaccccaaca gigiciticeg atgegtecag atgetagagt ggittgatea teatggteat 781 gtttgtattg tgtttgaget getgggaett agtacetatg attttattaa agaaaatagt 841 titctgccat itcaaatiga tcacatcagg caaatggcti atcagatctg ccagictata 901 aattitttac atcataataa attaacacac acggacctaa aacctgaaaa tattitatti 961 gtgaagtetg actatgtagt caaatacaat tetaaaatga aacgagatga gegeacattg 1021 aaaaacacag atatcaaagt tgttgatttt ggaagtgcaa catatgacga cgaacatcat 1081 agtactitigg tgtccacaag gcactacagg gctccagagg tcattitiggc tctaggttgg 1141 teteageett gtgatgtttg gageatagge tgeattetta ttgagtacta cettgggtte 1201 acagtettte agacceaega tagtaaagag cacetggcaa tgatggageg gatettagga 1261 cccatcccag cacatatgat ccagaagaca aggaaacgca agtatttcca ccataaccag 1321 ctagattggg acgagcatag ttcagctggg agatatgtta ggagacgctg caagccgtta 1381 aaggaattta tgctgtgtca tgacgaagag catgagaagc tgtttgacct ggttcgaaga 1441 atgitggagt atgacccage gagaaggate accitiggatg aagcattgea geaccettte 1501 titgacttat taaaaaggaa atgagtggga gtcagggcgg ccgcaccgc